

Nevada LCAM Hits Jackpot!

On March 11-12, 3 members of the FM-20 staff met with Kathy Izell, Nevada Operations Office (NV) Assistant Manager for Technical Services and her staff to discuss the status of LCAM implementation at NV. The purpose of the meeting was: to ensure that both NV and FM have the same understanding as to the proper and appropriate strategy for LCAM implementation; for FM to provide technical assistance in maintenance, cost estimating, and project management; and for NV to provide status of the implementation schedule agreed to by NV and FM last July.

NV is on target or ahead of schedule on all key milestones, and will provide a self assessment report to FM by May 1. From FM's perspective, the meeting was highly successful and we believe NV's implementation model is

noteworthy. NV demonstrated innovation and management skill in successfully integrating LCAM efforts with their ongoing Business Management Oversight Pilot, Necessary and Sufficient Pilot, and contractual arrange-

"Our success has been due to, not only to our initiatives, but also to our partnering and excellent communication between FM, the Program Offices, and NV."

ments with their M&O, Bechtel. Their innovation extends to their internal "mapping" process, used by NV to identify processes, products and drivers allowing them to prioritize programs, assign resources, and track workload.

Beyond their managerial skill, technical competence, etc., one of the keys to their success is that the NV managers and staff demonstrate enthusiastic support for LCAM implementation, as demonstrated by their a "can-do" attitude.

From NV's perspective, LCAM implementation has worked well because of the partnering and constant communication between NV, FM, and the program offices. This also provides a mechanism for developing a "lessons learned" process, to be shared with other sites during their implementation, that can minimize potential pitfalls experienced by sites further along in the implementation process.

Kathy Izell, Assistant Manager for Technical Services at NV said, "Our success is due to, not only to our initia-

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Comprehensive Planning Survey

Results of Best Business Practices Study Reveal Diversity in Planning

Field Management has recently completed a survey of planning practices in use at private industry, other agencies and universities. The task was to identify best comprehensive planning practices and performance measures. Copies of the survey report were distributed to points of contact for comprehensive planning at the Operations Offices and at headquarters.

As part of the task, an extensive search of journals and periodicals was also done to identify lines of inquiry for the survey and to augment our understanding of current trends and practices. The research noted and the survey confirmed, as you would expect, that the methods employed and the goals in private industry are sometimes different from government. Much of this has to do with the "market position" of the

planning organization and its mission i.e., what are they empowered to do with resources and how can they do it.

Because DOE is such a wildly diverse agency, and is in transition to the performance basis common in private sector organizations, many of our sites and field organizations can directly benefit from the results of this survey. The eight subject organizations are facing many of the same range of expanding or downsizing pressures as DOE. Many can serve as planning process benchmarks or models, and their tested indirect performance measures can be readily adopted.

Future editions of Inside Infrastructure will feature the results of the survey and associated products.

Andy Duran

DOE-GJO Initiates Preservation of Valuable Remediation Documents



The U.S. Department of Energy (DOE) Grand Junction Office (GJO) in Grand Junction, Colorado, has managed one of the largest and most successful remediation projects of its kind in the world--the cleanup of Grand Junction vicinity properties under the Uranium Mill Tailings Remedial Action (UMTRA) Project. To ensure the protection of valuable and informative documents prepared during the project, DOE-GJO developed and implemented a comprehensive records management program. "It was important to develop a system that would be as efficient as possible," said Joe Virgona, DOE-GJO Project Manager for the UMTRA Project.

More than 4,000 properties in the Grand Junction area have been remediated of uranium mill tailings. As the remediation project has progressed, millions of documents have been produced. These records are important to the ongoing project because they document the cleanup of private properties and the protection of the workers doing the remediation. The approximately 9 million documents produced since the start of the cleanup include health, safety, and radiation exposure records; initial radiological property assessments; engineering design documents; and reports on property conditions after remediation.

DOE-GJO realized the importance of protecting these records because of legal, financial, and public safety issues. However, a system needed to be created to protect these records effectively and to ensure their accessibility. DOE-GJO developed the UMTRA Records Management Program in the mid-1980's as an efficient and space-saving system to protect and organize these records.

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Cool Sites for Comprehensive Planners

Surfing, contrary to the views of management, can actually simplify the job of collecting information. Here are a few of the useful Internet websites:

<http://venus.census.gov/cdrom/lookup> - LOOKUP is an experimental server for retrieving data from 1990 U.S. Census Summary. Tape Files. A browser with forms capability is required. This site will enable you to easily gather and update demographic and economic information on the surrounding region.

<http://www.whitehouse.gov/WH/EOP/omb> - Office of Management and Budget (OMB) homepage. All OMB Circulars can be downloaded from this page including A-11 Part 3 and eventually the Capital Asset Planning Guide.

<http://www.fedworld.gov/> - Fedworld provides a virtual treasure trove of anything printed by the government, job searches, access to National Technical Information Service documents and ordering and bulletin boards at most agencies.

<http://nattie.eh.doe.gov> - DOE's Environment, Safety & Health Technical Information Services (TIS). TIS is a collection of information services that provides safety and health professionals with reliable, accurate and current information to assist them in performing their jobs. Includes all active and recent NEPA documents.

<http://www.nbs.gov/nbi/directory.html> - The first component of the National Biological Information Infrastructure is the Directory of Biological Data and Information, which includes information compiled from responses to a set of related surveys of biological inventory and monitoring programs and databases conducted by the National Biological Service (NBS) in 1993-1994. Users may choose to browse through the List of Guides, Directories, and Inventories and the List of Biological Databases, or use the Query Feature to search for entries relating to a particular topic area or geographic region of the United States.

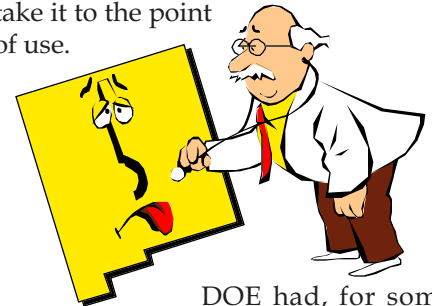
<http://nsdi.usgs.gov/nsdi> - The USGS node of the National Geospatial Data Clearinghouse, is a component of the National Spatial Data Infrastructure. The Clearinghouse provides a pathway to find information (i.e., "metadata") about geospatial data available from USGS. Perfect place for downloading the latest coverage and remote sensing data into your GIS.

Andy Duran

Utility Program is Good Medicine

This article vividly demonstrates the benefits of having an active utility acquisition program, and clearly demonstrates the intimate relationship between contractual problems and regulatory cures. The regulatory intervention involved close coordination between Albuquerque Operations Office, General Counsel, Western Area Power Administration (Western) and Field Management.

DOE-AL, for the Sandia National Laboratories (SNL) and Los Alamos National Laboratory (LANL), receive an allocation of power and energy from Western. Historically, the sites have used Western's transmission agreement to transmit power to a midpoint on the Public Service Company of New Mexico's (PNM) system and then used their own transmission agreements to take it to the point of use.



DOE had, for some time, suspected that the rates paid under these agreements were excessive and that - through "pancaking" - they resulted in double recovery of costs by PNM. In late 1994 and early 1995 DOE and Western sought the addition of the DOE/Los Alamos County (LAC) Pool (see endnote) delivery points and the Kirtland Air Force Base/SNL delivery points to Contract P0695, thus making transmission under the LANL Transmission Agreement and the Kirtland Air Force Base (KAFB)/SNL Transmission Agreement unnecessary. When PNM refused to voluntarily agree to such a change DOE and Western met with other PNM customers in an effort to jointly obtain their requested relief at the Federal Energy Regulatory Commission ("FERC").

During the summer of 1995, four of these parties: Western, LAC, Plains Electric Generation & Transmission Cooperative and the Navajo Tribal Utility Au-

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FEDERAL FACILITIES UPDATE

The Federal Facility Council (FFC) is a entity of the Board on Infrastructure and the Constructed Environment (BICE) Committee of the National Research Council. The purpose of the FFC is to coordinate and share facilities management and construction approaches and lessons learned among the Federal agencies and to promote process improvements and efficiencies.

The FFC is organized into a Program Committee and seven standing committees. The standing committees are: Design and Construction; Environmental Engineering; Operations and Maintenance; Organization and Management, Procurement and Contracting; Project Management; and Research. DOE is represented on all the standing committees and DOE also contributes funding annually to FFC's operation.

A summary of the most recent Program Committee meeting follows as well as a list of the ongoing technical program of the FFC. The Internet address of the FFC is: "<http://www2.nas.edu/ffc/>"

Publications are available on the National Academy Press web site at: "www.nap.edu"

John Yates



This is a new section that highlights real experiences that we can learn from. Please submit any examples you would like to share to Marsha Penhaker, FM-20.

FCC Program Committee Meeting - November 6, 1996

Discussed and approved the FFC Technical Activities Program for 1997. The program includes: 1) initiation of a *National Research Council Advisory Study on Benchmarking for Performance Improvement in Condition Assessments*; 2) an information study on *Best Practices and Technologies to Reduce Project Delivery Times and Cut Cost*; 3) a case studies report entitled, "Successfully Applied Innovations in Federal Facilities"; 4) a one-day workshop on "Benchmarking for Performance Improvement;" and 5) one technical report and one workshop as yet to be determined.

The *Condition Assessment Study* will be conducted by an expert committee which will identify best practices in management and technologies for condition assessment programs; identify performance measures for evaluating process improvement; recommend strategies for incorporating best practices into federal agencies; and develop parameter for planning, implementing; and evaluating resource-effective condition assessment programs.

The *Reduce Project Delivery Times and Cut Costs Study* will be conducted by FFC members and staff to identify agencies and businesses cited for best practices in design and construction processes and technologies from project concept through occupancy, that have resulted in shorter cycle times and reduced costs. A two-day workshop will be held with representatives of the firms cited for best practice to learn more about their processes and their applicability to the federal sector.

Other FFC studies currently underway are:

- *Committee to Assess Techniques for Maintenance and Repair Budgeting* - start 10/1/96; report due 1/98
- *Committees on Outsourcing of Design and Construction Management Services* - start 9/96; report 12/97
- *Alternate Contract Vehicle for Repair and Alteration of Facilities* - start 10/9/96; report 10/97
- *Federal Facilities Beyond the 1990's: Maintaining Quality in an Era of Limited Resources* - symposium 5/96; report 2/97
- *Competition in Electric Industry* - conference 5/96; report 12/96
- *Electronic Commerce for Construction and A-E Services* - conference 5/8/96; report 3/97
- *Report on Successfully Applied Innovations in Federal Facilities* - start 5/96; report 6/97.

FFC Research Committee Selects LBNL for Innovations Publication

The FFC Research Committee is preparing a new publication to be titled "Successfully Applied Innovations in Federal Facilities." Twenty five innovations were selected for publication including one from DOE.

The DOE innovation was submitted by Lawrence Berkeley National Laboratory (LBNL) entitled, "Beam to Column Connection for Moment-Resisting Steel Frames (LBNL) for Human Genome Building." Use of the connection in building construction improves their seismic resistance. To know more, contact Ray Schwartz, ER-8, 301-903-4909.

Best Practices

This is a new section that highlights some of the significant actions that the field has taken in managing DOE facilities that may be of some interest to other facilities managers. Here are examples:

- Maintenance Program for a Fire Safe Sustainable Landscape (LBNL)
- Radiological Lab Consolidation (LANL)
- Generic Office Building Design (ORNL)

Please submit any examples you would like to share to Marsha Penhaker, FM-20.



Vantage Point

Van Jones
FIMS Administrator
CAS Administrator

CAS Online

Curious about CAS and CAIS (*Conditional Assessment Survey and Conditional Assessment Information System*)? You can find out more by visiting the FM-20 home page.

CAS Enhancement Meeting

A meeting was held in Herndon, Virginia at the Parsons Brinckerhoff office to discuss enhancements to the CAIS database. A representative from Lawrence Livermore Laboratory came out to make a presentation on changes (enhancements) they would like to make to the system.

FAC Workshop

A FIMS Advisory Committee (FAC) workshop was held last October 1996 in Las Vegas. Several CAIS users attended this workshop, including Larry Ware, Jeff Hayenga and Darrell Tullock and others.

The exchange of information during the workshop was very lively and insightful. Many participants indicated that this was the best FAC workshop thus far. We are hoping to maintain this level of interaction between CAIS and FIMS users.

Shortly after the workshop, Anna Marie Trujillo agreed to chair the subcommittee on data integrity. The purpose of this subcommittee is to examine all systems responsible for generating information on facilities. This includes FIMS, CAIS and SFIA. We hope to reconcile any discrepancies in the data generated from this systems.

Lastly, Van Jones would like to extend a special thanks to Darrell Tullock for agreeing to chair one of the FIMS subcommittees entitled FIMS/CAIS/SFIA Interphase.

Seismic Workshop

A number of FIMS users attended the Seismic Workshop on how to comply with Executive Order 12941. This workshop was conducted at the Gaithersburg Hilton on November 7-8, 1996. Many participants said that the information provided was very helpful in meeting their seismic responsibilities. DOE has designated FIMS as the official facilities database to be used to electronically submit seismic data to FEMA.

Get on the Training Bandwagon!

We conducted training for some EM employees at Headquarters on the use of the FIMS system. EM was the last remaining major Program Office to be connected to the FIMS database. The training ended in February and was well-received.

Fifteen new users attended a training class in Las Vegas on February 5-7, 1997. Filled to capacity, this training session is a example of FIMS's popularity.

If you have questions about FIMS training, please call Van Jones at (202) 586-4050.

Meet-Me Conference Calls

We continue to conduct Meet-Me Conference Calls every second Tuesday at 11:00am EST. For those unfamiliar with these calls, we get together twice a month to discuss ongoing FIMS issues and upcoming events. With 50-60 regular participants, the response is overwhelmingly positive. To attend the conference call, please get the call-in number through your site's FIMS Administrator or by contacting Van Jones at (202) 586-4050.



Van Jones

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thority filed requests for rate reductions with the FERC under Section 206 of the Federal Power Act (FPA).

In February, 1996, Western filed an action under Section 211 of the FPA asking the FERC to issue an Order requiring PNM to wheel 107 of its power to its customers' points of use in New Mexico. DOE then intervened and became a party to both cases.

In April, 1996, PNM filed an Application with the FERC under Section 205 of the FPA seeking authority to increase its rates to its contract customers. At about the same time PNM filed an Application for authority to implement Open Access Transmission Tariffs. These two cases were consolidated with the Section 206 Complaints. The consolidated docket was referred to as Docket No. ER95-1800-000 et. al.

DOE and Western worked closely in the litigation of these proceedings. Western sponsored an expert witness made available by DOE-AL. In late 1996, the parties were able to negotiate a global settlement which



resolved all of the contested cases. Under the terms of the settlement the "pancaked" service is discontinued as of December 1, 1996 and the rate for the remaining transmission service is reduced to \$2.07/kW-month (i.e., we won!).

Danita Agar

Endnote: DOE and County of Los Alamos are members of the DOE/LAC Pool; DOE's Western allocation and self-generation are combined with LAC's hydro and steam power resources, plus approved purchased power by either party into a common pool and allocated to each party on a demand and energy basis. This unique (for DOE) relationship emanates from DOE's wholesale status when Los Alamos was supplied entirely by DOE.

The cost avoidance/savings for DOE and Western is summarized as follows:

	Annual	One-Time Refund
DOE Savings:	\$951,840	\$304,669
Western Savings:	\$1,565,246	\$1,527,164
Total:	\$2,517,086	\$1,831,833
Grand total: (all participants)		\$4,477,468

Web Site Contest

At the Comprehensive Planning Workshop last July, several sites demonstrated or discussed in glowing terms the many comprehensive planning related attributes of their web sites. While everyone demonstrating felt that their site was "best-in-class," we at Inside Infrastructure wanted hard data to base a claim of best-in-class.

We need to get your subjective and objective opinions on this matter. We want to conduct a survey of known and currently working web sites which have a comprehensive plan or component plan. We ask you, the readers of Inside Infrastructure, to go to the URLs listed and evaluate them using the following questions:

1. Quality of the graphics and maps.
(excellent 5, good 4, average 3, passable 2, poor 1)
2. Organization of information.
(excellent 5, good 4, average 3, passable 2, poor 1)
3. Ease of navigation.
(excellent 5, good 4, average 3, passable 2, poor 1)
4. Searchable information.
(yes 5, no 0)
5. Identifies planning goals for site.
(yes 5, no 0)
6. Includes information on direct or indirect performance measures for the planning process.
(yes 5, no 0)
7. Equivalent to a published plan.
(yes 5, no 0)
8. Demonstrates an integration of activities and information from Strategic Planning, Project Planning, Facility and Utility Management, Real Estate, Maintenance Planning, Operations, Disposition Planning, NEPA, and Public Involvement.
(Yes 10, no 0)

Total the score for each nominated site visited and e-mail the results to: andrew.duran@hq.doe.gov

Rules:

1. You cannot vote for your own site.
2. Only one vote per person.
3. Votes must be received before May 1, 1997.

Nominated Sites:

Hanford

<http://www.hanford.gov/eis/hraeis/hraeis.htm>

INEL

<http://www.inel.gov/resources/flup/main.html>

LBNL

<http://www.lbl.gov/Workplace/Facilities/Planning/Publications/cfpd/cfpd-tit.htm>

LLNL

http://www.llnl.gov/site_plan/



THE PRAGMATIC PLANNER

Andy Duran

Responding to Global Challenges -- 1997 Federal Planning Workshop

The Federal Planning Division (FPD) of the American Planning Association (APA) is sponsoring the second annual Federal Planning Workshop in April 1997 in San Diego, California. DOE and DoD are co-hosting the workshop. The purpose of the workshop is to promote effective communications and encourage continued networking among federal planners; share technology, successful business practices, and lessons learned; support the understanding of the science of planning and promote the efficient and economic use of resources; and advocate actions needed to maintain effective federal planning.

This two-day workshop to be held on April 10-11 follows the National Planning Conference of the American Planning Association being held on April 5-9. Federal planners are encouraged to attend both events, but the FPD workshop should be particular interest. This is an opportunity for Department of Energy (DOE) participants to share information, experiences, and lessons learned with planning counterparts in the Army, Navy, Air Force and other federal agencies.

In conjunction with the Federal Planning Workshop, DOE will have a half-day special workshop to address specific departmental planning issues on the afternoon of April 9, 1997. Comprehensive Planners and other LCAM functional groups should plan to attend all two and a half days of workshops to learn the latest in guidance and talk shop with other Federal planners.

The workshop draft agenda list nearly 30 specific sessions for presentations or panel discussion. Proposed sessions for the Federal Planning Workshop are:

- DOE Issues
- Air Force Issues
- Army Issues
- Navy Issues
- Multimedia Plans
- Military Planning History: MX to the Present (Lunch Speaker)
- NEPA - As A Planning Tool
- GIS Applications at Military Installations
- Wetlands Management: A Landscape Development Approach
- AICUZ and the Joint Land Use Program
- Facility Space Use Analysis and Plans
- Utility Systems Planning
- Real Property Management
- Standard Land use Coding
- Base Realignment and Closure: Alternative Development Plans
- DOE Facilities Planning
- Military Family Housing Planning Program
- Integrated Natural Resource Management Plans
- Promoting Planning
- World Wide Web and the Internet

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Active records are controlled by using technologies such as barcoding and scanning. As documents become inactive, they are transferred to microfilm. Microfilm was, and still is, the only acceptable medium used to archive documents because of its long-term preservation value. Not only is microfilm a safer way to preserve the documents, it also cut storage space from several thousand cubic feet to approximately 13 cubic feet.

Copies of the microfilm, documenting the remedial action performed on properties, are currently stored in a publicly accessible area in Grand Junction by the Colorado Department of Public Health and Environment (CDPHE), the State agency overseeing the local UMTRA Project. CDPHE reports 60 to 100 requests per week are received from the public, which includes home-owners, potential real estate buyers, and real estate agents. DOE-GJO maintains duplicate files of the microfilm, and the National Archives Denver Federal Records Center stores the silver master files. All microfilm will be transferred sometime in the year 2000 to the National Archives in Pennsylvania for permanent storage (for more than 500 years).

This accession of microfilm marked a significant achievement for both the National Archives and Records Administration (NARA) and DOE. A representative of NARA's Denver Federal Records Center stated, "We infrequently receive microfilm records that have been so carefully filmed and documented."

DOE-GJO realized a savings in time and physical space while ensuring that historical records were protected and available to the public. This type of records management program is typical of the efforts needed in both government and private industry to protect valuable information and to reduce storage space. DOE-GJO demonstrated its leadership in records management with this successful program.

Wendee Ryan, Wastren-GJ

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tives, but also to the partnering and excellent communication, between FM, the program offices and NV." Communication regarding policy and its implementation within selected functional areas, fosters understanding and ultimately, more effective management of field operations. NV looks forward to a continued partnership with FM and the programs to successfully advance a comprehensive, integrated, site-wide approach to effectively manage work within the LCAM functional areas.

For additional information on NV's model, contact Gerry Babero or Steve Lawrence at (702) 295-1596 or (702) 295-3424, respectively. For additional LCAM information contact Marsha Penhaker at (202) 586-0426.

*Gerry Babero and
Marsha Penhaker*

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<http://www.fm.doe.gov/fm-20>

THE LAST WORD



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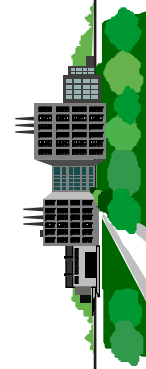
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